Tamil Nadu State Council

FICCI International Conference and Exhibition

Technology Enabled Growth and Opportunities [TEGO2020]
"Be Atmanirbhar; Be Digital; Be More"

Oct 9 (Friday) and Oct 10 (Saturday), 2020

Introduction

Corporate Social Responsibility (CSR, also called corporate

The Tamil Nadu State Council of FICCI (Federation of Indian Chambers of Commerce and Industry) conducted a two-day Virtual Conference and Exhibition on the theme "Be Atmanirbhar; Be Digital; Be More", on the 9th and 10th of October, 2020. FSS (Financial Software and Systems) and STPI Chennai were respectively the Gold sponsor and the Theme Sponsors for the conference. Israel and Estonia were the country partners for this International Conference.

This conference had several firsts in its feather such as first conference that was conducted fully virtual, streamed live across the globe and speakers from not only within India but across US, Singapore and Europe. This conference was split into Inaugural session and 4 plenaries and 1 panel discussion ending with the valedictory and award ceremonies.

BACKGROUND AND OBJECTIVES FOR THE CONFERENCE

Though India has slowly emerged into the top 50 of the in the global innovation index rankings through consistent improvement year after year, owing to the immense knowledge capital, the vibrant start-up ecosystem, and the amazing work done by the public and private research organizations and various corporates, it still it has a long way to go in terms of becoming an economic and innovation super power, driving double digit growth, creation of huge no of jobs, rapidly scaling and self-reliant with our own technologies, apps and products.

Objectives for this conference were as follows

- We wanted the best minds across the world to brainstorm on solutions to the local challenges and that's how this conference theme was evolved

- How can we become the "makers for the world" and we give a voice to "Vocal for Local"
- Create competencies and culture for Atmanirbhar
- Bring Government bodies and Private technology companies in the same platform to discuss issues and identify patterns and possibilities

INAUGURAL SESSION

The virtual conference was inaugurated by the Thiru. R.B. UDHAYAKUMAR, Hon'ble Minister for Information Technology, Govt of Tamil Nadu. The IT Minister also released the *Knowledge paper prepared by FICCI* and Frost & Sullivan around the theme.

Figure 1 IT Secretary giving special address

Figure 2 Thiru Udhayakumar, Hon. Minister for IT, Govt of TN, inaugurating TEGO2020

Mr.Hans Raj Verma, IAS, The IT Secretary, Government of Tamil Nadu, was the Guest of Honour and delivered the special address. He pointed out that this TEGO conference has come at the right time during Covid 19, where we are looking for new ideas for growth.

The keynote address was delivered by Mr **Nagaraj Mylandla**, the Chairman and Managing Director, Financial Software & Systems (FSS) where he spoke about his humble beginnings to make FSS one of the highest payment gateways in the globe. The Special address was delivered by **Dr Sanjay Tyagi**, Director, Software Technology Park(STPI).

His Excellency **Mr. Jonathan Zadka**, Consul General for Israel, South India, after delivering the special address, he inaugurated the TEGO exhibition. **Ms. Kavitha Dutt**, Chairperson FICCI, in her welcome address highlighted the support FICCI TNSC has been providing to the Industry in alignment with the TN Govt.

Several speakers spoke about the importance of Digital technologies in the current environment and how it's imperative that each Indian increases their skillset and collaboration within the country as well as outside.

Mr. Rajaram Venkatraman, Convenor and Head of Technology panel, FICCI Tamil Nadu, highlighted "why Atmanirbhar is important and chosen as the focus of the conference theme and how digital can help us all to be more of ourselves by being makers" for the world. The vote of thanks was given by **Mr. Sridharan** Head FICCI. Tamil Nadu.

The TEGO2020 exhibition integrated cutting edge technologies and Indian tradition seamlessly in having a virtual kuthu vilakku and ensuring that everyone is standing up while telling the Tamizh Thai Vaazhthu.

Figure 3 Virtual Kuthuvilakku lighting to start the function

PLENARY 1: ATMANIRBHAR IN INDIA

Figure 4 Areas of skill growth and gap

In Plenary 1 we had a panel discussion held by Mr. Ramanan **Mr. R. Ramanan**, who is the Mission Director-Atal Innovation Mission from Niti Aayog with the big corporate big-wigs from across the globe – Mr. Deepesh Nanda, CEO, GE Gas Power, South Asia; Mr. Lakshmi Shankar, from Twitter; Mr. Vinod Muthukrishnan, from CISCO; Dr. N. Saravanan, from Ashok Leyland and Mr. Rajendran Dandapani, from Zoho. Main focus was how self reliant are we in practice and can we deepen it further by exploring growth opportunities across the 5 atmanirbhar pillars including Technology, Infrastructure, Demand etc..

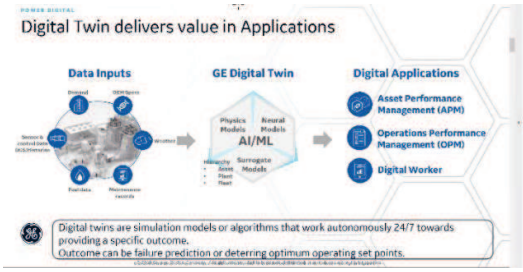

Figure 5. Digital Twin to deliver solutions

Figure 6 Complexities that industry is facing

Ramanan started the meeting with the JAM opportunity that is in front of us Jan Dhan, Aadhar, Mobile and provides very interesting opportunity not only makes sure that India is able to be self-reliant but also solutions that can be applicable for several countries. Deepesh spoke about the Infrastructure for the power plants in this country and using digital technologies. He spoke about hardware and software can be brought together to leverage the available infrastructure through the expanse of the country. He shared an interesting view of Digital twins between the Digital Application and inputs that needs AI/ML to bring more bang for the buck. He observed that there is still lot of resistance to usage of many latest technologies.

Lakshmi Shankar provided a data driven presentation on demography of the usage and how that can be exploited for opportunities. And how skill sets required for tomorrows world is going to be around social and emotional skills and the Technological skills. Lakshmi also mentioned that the younger demography is able to take up the available social tools lot easier.

Figure 7 Discuss possibilities of growth in SaaS

Vinod spoke about how SaaS based solutions are present in Chennai and called it a SaaS capital of India. He created a compelling case to make SaaS solutions for the globe. There are

solutions and technical know-how already present. And how much of this growth can be stimulated by creating more start-ups. Ramanan also pointed out that the growth spiral can be stimulated by having early successes.

Dr. Saravanan spoke about creating a demand for the digital technologies across the country and spoke deeply about the socio economic sector movement. There are many challenges that manufacturing sector is going through. There is an absence of consortiums to solve problems is completely missing. Creation of an innovation chain is also something we are not seeing here.

Mr. Rajendran from Zoho talked about Zoho's practices of creating self-reliant systems. Zoho as a company also runs on Zoho be in presentation to browser to decision making tools. He referred to the GDPR practices and how while applying such a compliance rule, Zoho is ahead of its time and didn't collect any data that was not required. He spoke about grass roots level localization of teams working in villages. This in turn is spurring technologies and infrastructure in various societies in the country.

PLENARY 2: GOVERNMENT ROLES AND POLICIES

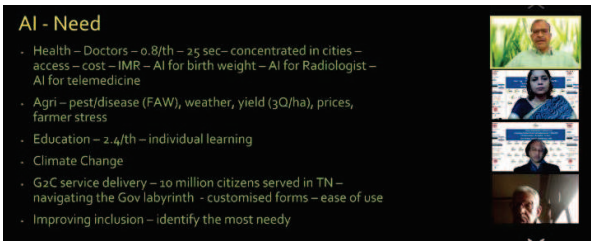

Figure 8 Need for AI applications

In a fireside chat model with Mr. Santosh Mishra, spoke about how governments role in creating policies that shape a better tomorrow. He spoke about AI is required today in various use cases. He detailed out the blockchain applications within college certifications, creating burden of documents of such a migrant population.

DEEPMAX as a model for Ethical AI Seven parameters of AI that will guide for the future application of AI. The detailed ethics AI paper is present here. India AI strategy is here.

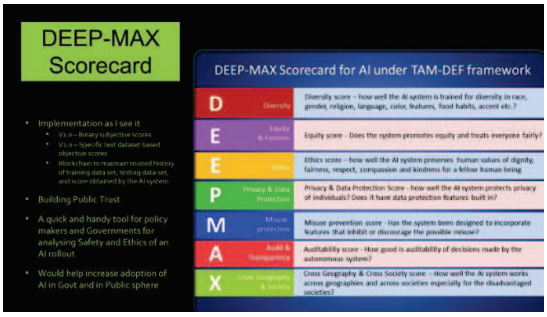

Figure 9 DEEP MAX scorecard

TN Govt is taking measures to implement Bharat Net - 1 GB connectivity to village, to be implemented less than a year. There are challenges around usage and he wants help in implementing voice recognition system for local languages. Several references to RAISE AI conference also were made.

PLENARY 3: GROWTH AND OPPORTUNITIES IN FINTECH SPACE

Figure 10 Roadmap for a risk and compliance building in Fin Tech space

In Plenary 3 we had Dr. Sanjay Tyagi, Director STPI, chair the conversation around the growth opportunities in FinTech space. He spoke with Dr. S. Prakash, from Star Health and Allied Insurance Co. Ltd.; Justice Talwant Singh, from Delhi High Court; Mr. Sreeram Iyer, from ANZ Bank, Singapore; Mr. Philippe Metoudi, from Duotem Capital and Managing Partner, HongKong; and Mr. V Balasubramanian, from Financial Software & Systems (FSS)

Digital India push in terms of smart phones pushes to become a trillion dollar and India should grow from 8% TO 20% by 2025. There are various factors contributed namely success of UPI transactions, iKYC brought a lot of revolution in fintech and paving way for digital banking system and to reach to rural areas.

Dr. Prakash spoke about advantages of insurance and how its under-utilized across the country. Less than 10% are covered by Mediclaim like policies while China has around 65% under coverage. Without an insurance, any health emergency brings about a crippling effect to the family and society in turn.

Judge Talwant spoke about the grim usage of cyber law. Cyber awareness is very low and there are no control mechanism is adopted. Senior Law enforcement officers are also not aware of the consequences and they transferred password to the third parties.

Mr. Sreeram spoke about the prevalence of cloud technologies in the banking sector. Start-up are learning much quicker about tools and technologies as compared to large bank and they can learn risk mgmt, regulatory pressures. In a recent survey, 60% of the CEO's of financial companies mentioned that they need to approach the start-ups.

Mr. Balasubramaninam speaks about how FSS has achieved 120 million users actually making digital payments; balance 600 million are not using DP. The technologies have clearly transformed FinTech services in the pandemic.

Mr Philip mentioned In Fintech area: 200000 professional are working in Silicon Valley on security related areas. For Israel AI is not a black box, we need to take the tool to Risk Manager, Compliance Manager etc.. India is offering a tremendous support to Israel in terms of technology. There is scope to deepen risk and compliance better to create trust in the system.

PANEL DISCUSSION: FUTURE OF WORK

Panel of the Future of work and innovation was chaired by Anand S from Frost &Sullivan. We had panellist comprising of Ajit Balakrishnan from Rediff.com, Chandramouli C from Sankara Netralaya, Jangoo Dalal from Intuit Consulting and Akila Radhakrishnan from Planning & Monitoring Committee UNICEF.

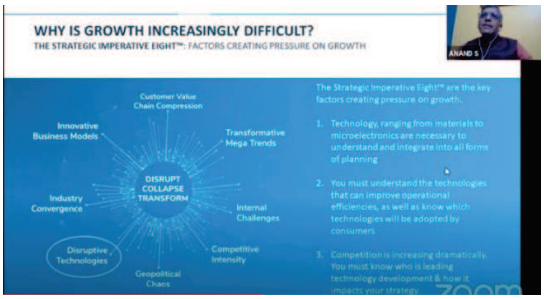

Figure 11 Growth as a catalyst for skill building

Mr. Anand started with a point of view of Growth would be the primary driver for future state of workforce. He added that education system needs to be standardized and institutions needs to play a major role for the student's community, also he pointed about the innovation culture. India has reached the top 50 Innovative position.

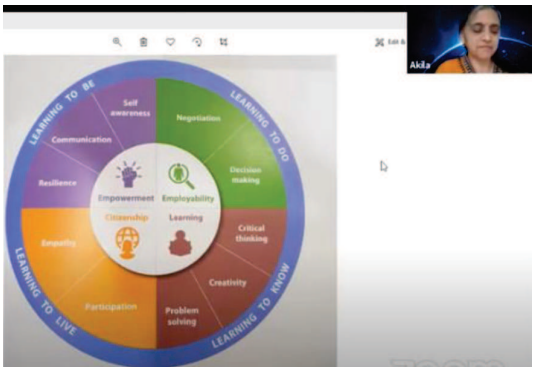

Figure 12 Being a life long learner

Mr, Ajit mentioned that AI machine learning should start from the elementary education for the students, at least from 8th standard onwards, only in Indian languages, not in English.

Mr. Chandramouli mentioned that last 6 years focussed on health care industry and on the post COVID scenario completely changed. Also he mentioned that Open source Technologies are readily available, using open source technologies, lot of applications can be designed and developed.

Dr. Akila Radhakrishnan of UNICEF stressed upon creation of a roadmap that needs to stress employability, empowerment, learning and Citizenship. Having a balance on all 4 would create a vibrant workforce.

There was an important point around the importance of National Internship platform and recommendations to education system.

VALEDICTORY SESSION

Valedictory session was led by Dr. Velan Head of Chennai Center of Operations of Capitaland (formerly Ascendas IT Parks, India). He shared his enthusiasm for such conferences that is an amalgamation of thoughts, inspiration and camaraderie to achieve greater things. He also stressed on the Opportunities arising in the construction and infrastructure industry for embedding technology at the core and why start-ups and other IT players be prepared to cater to this industry with holistic solutions.

This conference saw several hundred (more than 700 over the 2 days) from across the world which included CXO's, Board Members, Industry Consultants, Business Leaders from across the Industry, Senior Manager, Technologists, Engineers, Start-ups, Information Security Specialists, Faculty and Research Scholars, attending via Youtube, Facebook and ETV Bharath TV LIVE streaming apart from the zoom channels.

This session also included giving gifts to the best question and the raffle gift cards. There was also recognition for the entire organizing committee and all the speakers and the sponsors. More information is listed below.

ORGANIZING COMMITTEE

Below are the members of the organizing committee. Some of the group and individual pictures of the team is as below.

1	Mr. Rajaram Venkataraman
2	Mr. Gemini Ramamurthy
3	Mr. Sridharan
4	Mr. Sudharshan
5	Mr. Karthik
6	Mr. Baskaran Kesavan
7	Mr. Srikanth P J
8	Mr. Radhakrishnan (duotem capital)
9	Mr. Susindar
10	Mr. Radhakrishnan (HPE)
11	Mr. Ramesh Bhasyam
12	Mr. Kutralam
13	Ms. Gayatri Devi Kalyanaraman
14	Ms. Vijayalakshmi
15	Mr. Senthil Kumar
16	Ms. Kalyani Hariharan
17	Mr. Ragavendra Prasad
18	Ms. Anandhi

SPONSORS & KEY PARTNERS
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Kriyatec (Technology Partner)
Digital SEO (Digital Outreach Partner)
Television Partner (ETV Bharat)
Journal Partner (IJITCE – International Journal)

SUPPORTING INDUSTRY PARTNERS

Following are the supporting Industry partners

IOD	*SPIN Chennai*	*ACM India*	*IEEE*	*CSI*	*PMI*
CXO Club	*CIOKlub*	*CySI*	*CSPF*	*ISC2*	*TCC*
Veltech TBI	*TiE Chennai*	*eWIT*	*DISAI*	*ISACA*	*RAI*
HCC					

Day 1: Oct 9, 2020 - 9:15 am : Registration Exhibition OPEN 24 Hours
Day 1 – Wrap-up at 1.00pm

9:30 am – 11.20am	**Inaugural Session**	
9:30 am – 9.45am	Special Address by Guest of Honour	**Mr. Hans Raj Verma, IAS** Additional Chief Secretary (FAC), Information Technology Department, Government of Tamil Nadu
9:45 am – 10.00am	Inaugural Address by Chief Guest	**Thiru. R.B. UDHAYAKUMAR** Hon'ble Minister for Information Technology Government of Tamil Nadu
	RELEASE OF THE KNOWLEDGE PAPER prepared by FICCI **and Frost & Sullivan**	To be released by Chief Guest along with other dignitaries
10:00 am – 10.10am	Welcome Address	Ms. V. Kavitha Dutt **Chairperson, FICCI Tamil Nadu State Council& Joint Director, KCP Group**
10:10 am – 10.20am	Theme Address	**Mr. Rajaram Venkataraman** Convener, Technology Panel, FICCI TNSC& CEO, Veltech TBI
10:20 am – 10.35am	Special Address by Guest of Honour	**Dr.Sanjay Tyagi** Director, STPI
10:35 am – 10.50am	Keynote Address by Guest of Honour	**Mr.Nagaraj Mylandla** Chairman, Financial Software and Systems(FSS)
10:50 am – 11.10am	Special Address by Guest of Honour	**H E Mr. Jonathan Zadka** Consul General of Israel to South India
11:10 am – 11.15am	Vote of Thanks	**Mr.P.Sridharan** Head, FICCI Tamil Nadu State Council
11:15 am – 11.20am	TEGO2020 Exhibition Inauguration	
11.30am – 1.00 pm	**Plenary 1 : Being Atmanirbhar and Adopting Digital for rapid growth**	
	Session Chair: Mr.R. Ramanan, Mission Director-Atal Innovation Mission, Additional Secy - Niti Aayog, Govt of India	

	Scope of Discussions: **1. New technologies, opportunities and their accelerated adoption for growth& global expansion** **2. Dependence on other countries & need for Atmanirbhar (self-reliance)** **3. Vocal for Local and Become Makers for the World** **4. Case studies and stories on how each of the Speaker's organizations are contributing to Atmanirbhar, India based development, Global scaling, Contributing to Innovation Index and Culture building around Atmanirbhar** **5. Tech opportunities arising in Various industries** **6. New growth through digital marketing and digital strategies** **7. Cross-selling, Up-selling, targeting with technologies** **Speakers** **Mr.Deepesh Nanda**, CEO, South East Asia, Gas Power Systems, South Asia, GE Power **Mr.Lakshmi Shankar**, Senior Director, Strategy and Operations, Twitter, USA **Mr.VinodMuthukrishnan**, Chief Growth Officer (CCBU), CISCO, USA **Dr. N. Saravanan**, President & Chief Technology Officer, Ashok Leyland **Mr.Rajendran Dhandapani**, Director, Engineering, Zoho Corporation
Exhibition Hours	**Exhibition OPEN 24 Hours from Oct 9th, 10th till Nov 10th**

Day 2: Oct 10, 2020 - Starts at 9.45am --- Exhibition OPEN 24 Hours for 31 days till Nov10th

10:00 am – 10.30am	**Plenary 2 : Govt's Role and Initiatives**
	Speaker **Mr.Santosh K. Misra IAS**., Commissioner /MD, Commissionerate of e-Governance, Tamil Nadu e - Governance Agency

	Scope of Discussions Encouragement and Opportunities for Start-ups in Tamil Nadu Rapid scaling of e-Governance Launch of 3 new policies (Blockchain, Ethical AI and Cyber Security)
10.30am – 11.45am	**Plenary 3: Growth and Opportunities around Fintech, Banking, Financial Services and Insurance**
	Session Chair: Dr. Sanjay Tyagi, Director, STPI **Scope of Discussions:** **1. Banking, Financial Services and Insurance – Challenges and Opportunities with Digitalization** **2. Rapid growth of Fintech and Insure-tech** **3. Payments Industry & growth opportunities** **4. Cyber Security Implications and Imperatives** **5. Digital Lending, Digital wallets** **<u>Speakers</u>** **Dr. S. Prakash**, Convenor, FICCI Tamil Nadu Insurance Panel & Managing Director, Star Health and Allied Insurance Co. Ltd. **Justice Talwant Singh**, Addl. District & Sessions Judge, Delhi High Court **Mr.Sreeram Iyer**, COO(Global), ANZ Bank, Singapore **Mr.Philippe Metoudi**, CEO, Duotem Capital and Managing Partner, AlfaSec Advisors, Europe and HongKong **Mr. V Balasubramanian**, President – Merchant & Terminal Business, Financial Software & Systems (FSS)
11.45am – 12.45pm	***Panel Discussion : Future of Work | Job Creation | Competencies | Skills |New Normal | Innovation Culture***
	Panel Moderator : Mr. S. Anand, Vice President - TechVision& Head Global Innovation Center, Frost & Sullivan **Scope of Discussions** **1. Innovation Culture** **2. Future of Work** **3. Work from Home and Emerging Trends** **4. Global Innovation Index | IP Filing** **5. Talent Building** **6. Skilling transformation** **7. Education Policy, Cultural Shifts**

	Speakers **Mr.Jangoo Dalal**, Managing Director, Intuit Consulting Pvt Ltd **Mr.Ajit Balakrishnan**, Founder, Rediff **Mr.Chandramouli**, Group CTO, SankaraNethralaya **Dr.Akila Radhakrishnan**, Social Policy Specialist – Education, UNICEF-United Nations Children's Fund
12.45pm – 1.10pm	**Valedictory Session:** Chief Guest: **Dr.C.Velan** Head, Chennai Center Operations, CapitaLand (formerly Ascendas IT Park) TEGO Raffle, Awards and Recognition
1.10pm – 1.15pm	**Wrap-up**

EXHIBITOR PROFILES

Exhibitor Name: Raksha Technologies Pvt Ltd	**Website**: www.raksha.co.in
Product and Services: I.T Security Solutions	**Contact Details**: 9841063281 **Email**: anand@raksha.co.in

Exhibitor Name: Digital SEO Marketing Pvt Ltd	**Website**: **https://www.digitalseo.in**
Product and Services: Digital Marketing, SEO,SMO,SMM,SEM, Content Writing, Content Marketing	**Contact Details** : 9283182983 **Email:** sk@digitalseo.in

Exhibitor Name: Consulate General of Israel to South of India	**Website**: **http://itrade.gov.il/india/4**
Product and Services: HiTech, FinTech, Cyber security, Home Land securities, Cloud Management, Data Analytica, AI/ML, EduTech, Sports Tech, Smart mobility,	**Contact Details** : +919739009601 **Email**: kavithas@israeltrade.gov.il

AgriTech, Water, Cleantech, Renewable Energy, New Innovation,	

Exhibitor Name: RIZE 3D	**Website**: www.rize3d.com
Product and Services: 3D Printers **Category : 3D Printing**	**Contact Details :** 575, Virginia Rd Bldg 3, Concord, MA 01742, USA (978) 699-3085 , 8754504713 **Email**: info@rize3d.com, prashant.sinha@rize3d.com, consulting.sjnmcs@gmail.com

Exhibitor Name: Detect Technologies Private Ltd.	**Website**: **www.detecttechnologies.com**
Product and Services: GUMPS, NOCTUA, TPULSE, SaaS **Hardware, software and services:** Patented Hardware, Integrated solutions for asset health and process monitoring for industries.	**Contact Details**: **Prudhvi Teja (8497952435) /** **Nishi Nishant(7043067345)** **Email:** sales@detecttechnologies.com

Exhibitor Name: Financial Software and Systems (FSS)	Website: **www. fsstech.com**
Product and Services: Payments Technology and Transaction Processing Software Products	**Contact Details**: **9500088290** **Email**: **rajalekshmer@fss.co.in**

Exhibitor Name: Intuit Consulting Pvt Limited (GovEVA**)**	**Website:** https://www.goveva.com/
Product and Services: GovEVA provides software technology platform to enhance the organizations Corporate Governance levels, fully automate your compliance needs, conduct E-Board meetings seamlessly.	**Contact Details**: **+91-9987574701** **Email**: radhakrishnan.subramanian@goveva.com

Exhibitor Name: : TEGO 2020	**Website**: https://**www.ficci.in**
Product and Services: Payments Technology and Transaction Processing Software Products	**Contact Details**: +91-9003052624 **Email**: **sudharsan.ramu@ficci.com**

Exhibitor Name: : FICCI Tamil Nadu State Council	**Website**: **ficci-tego-2020.web.app**

Category: Member Organization- Industry's Voice for Change	**Contact Details**: +91-9003052624 **Email**: sudharsan.ramu@ficci.com

Exhibitor Name: Kriyatec IT Systems Pvt Ltd	**Website**: **https://www.kriyatec.com/**
Product and Services: IT Solutions, KriyaDigiFair- Virtual Platform for Conferences and Trade Fairs (TEGO 2020- Hosted by KriyaTec Systems Pvt Ltd)	**Contact Details**: **+91-9840306509** **Email**: **:** baskar@kriyatec.com

Exhibitor Name: Embassy of Estonia – New Delhi	**Website**: **Refer Estonia Embassy**
Product and Services: Visa & Trade Services	**Contact Details**: **Email**: vinod.basliyal@eas.ee
Exhibitor Name: Monotech Systems Ltd	**Website**: **https://www.monotech.in**
Product and Services: For two decades we have been a leading manufacturer and supplier of high end, high performance, reliable products and solutions for printing and packaging industry	**Contact Details**: +91- 8610584172 **Email**: 3dmktg@monotech.in

Exhibitor Name: Software Technology Parks of India (STPI)	**Website**: https://www.stpi.in
Product and Services: Software Technology Parks of India is a society established in 1991 by the Indian Ministry of Electronics and Information Technology with the objective of encouraging, promoting and boosting the export of software from India, reliable products and solutions for printing and packaging industry	**Contact Details**: +91- 9092086321 **Email**: abishek@stpi.in